

CLAIMS

- [001] A coffee machine having a drawer (22) which can be pushed into the coffee machine (10) in a substantially horizontal manner with the coffee pad inserted therein for supplying a coffee pad, characterised in that actuating means are provided for opening and closing a brewing chamber formed by a brewing chamber upper part (34) and a brewing chamber lower part whereby at least one of the brewing chamber lower part (35) and the brewing chamber upper part (34) can be moved towards the other to form a sealed brewing chamber (30).
- [002] The coffee machine according to claim 1, characterised in that the brewing chamber lower part (35) can be moved towards the brewing chamber upper part (34).
- [003] The coffee machine according to claim 1, characterised in that the brewing chamber upper part (34) can be moved towards the brewing chamber lower part (35).
- [004] The coffee machine according to claim 1, characterised in that the brewing chamber upper part (34) and the brewing chamber lower part (35) can be moved towards one another.
- [005] The coffee machine according to any one of claims 1 to 4, characterised in that the adjusting means comprise an electric drive.
- [006] The coffee machine according to any one of claims 1 to 4, characterised in that the adjusting means comprise a mechanical drive.
- [007] The coffee machine according to claim 6, characterised in that the mechanical drive is a lifting mechanism.
- [008] The coffee machine according to claim 6 or claim 7, characterised in that the mechanical drive can be actuated by hand by means of a lever.

- [009] The coffee machine according to any one of the preceding claims, characterised in that a coffee pad retainer (32) is located in the drawer (22) and is at least partially encircled, in the pushed-in state of the drawer (22), by a retaining device which can be displaced substantially vertically by the lever mechanism so that the coffee pad retainer (32) can be lifted with the retaining device and the coffee pad retainer (32) forms the brewing chamber lower part.
- [010] The coffee machine according to claim 9, characterised in that the retaining device comprises two clamps (26, 28) which enclose the coffee pad retainer (32) on opposite sides.
- [011] The coffee machine according to claim 10, characterised in that each clamp (26, 28) has a continuation at its lower end which applies an upwardly directed force to the coffee pad retainer (32) during lifting of the retaining device.
- [012] The coffee machine according to claim 11, characterised in that each clamp (26, 28) has another continuation at its lower end which applies a downwardly directed force to the coffee pad retainer (32) during lowering of the retaining device.
- [013] The coffee machine according to any one of the preceding claims, characterised in that the inner side of the brewing chamber upper portion (36) is made of elastic material.
- [014] The coffee machine according to any one of the preceding claims, characterised in that the adjusting means, especially the lever mechanism is supported with at least two square regions (40, 42) on the brewing chamber upper part (34), these square regions (40, 42) each being rectangular and having respectively one long and one short side, so that in the lowered state of the retaining device the square regions (40, 42) have one long side resting on the brewing chamber upper part (34) and in the elevated state of the retaining device the square regions (40, 42) have one short side resting on the brewing chamber upper part (34).

- [015] The coffee machine according to claim 14, characterised in that in the raised state the square regions (40, 42) have a short side resting in indentations of the brewing chamber upper part (34).
- [016] The coffee machine according to any one of the preceding claims, characterised in that the coffee pad retainer (32) is mounted telescopically on the drawer (22).